

Title (en)  
PROCESSES FOR MAKING SUBSTANTIALLY ANHYDROUS STRUCTURED SURFACTANT PASTES AND DETERGENT COMPOSITIONS CONTAINING THEM

Title (de)  
VERFAHREN ZUR HERSTELLUNG IM WESENTLICHEN WASSERFREIER TENSIDPASTEN UND DIESE ENTHALTENDE WASCHMITTELZUSAMMENSETZUNGEN

Title (fr)  
PROCEDES DE FABRICATION D'APPRETS ANHYDRES STRUCTURES A BASE DE TENSIOACTIFS, DETERGENTS ET COMPOSITIONS LES CONTENANT

Publication  
**EP 1409634 A1 20040421 (EN)**

Application  
**EP 02753410 A 20020723**

Priority  
• US 0223450 W 20020723  
• US 30745901 P 20010724

Abstract (en)  
[origin: WO03010275A1] A process for making substantially anhydrous structured surfactant compositions which, at room temperature, are shear thinning non-Newtonian pastes with a yield point that allows them to be easily worked in commercial apparatus. The process employs alkoxyated cationic structuring agents, anionic surfactants and organic solvents in a drying step to provide the pastes. The pastes are suitable for agglomeration with dry detergent powder to form granular detergent product and are especially suitable for incorporation into anhydrous liquid detergent products.

IPC 1-7  
**C11D 17/00**; **C11D 11/00**; **C11D 17/06**; **C11D 3/43**; **C11D 3/20**

IPC 8 full level  
**C11D 1/14** (2006.01); **C11D 1/22** (2006.01); **C11D 1/29** (2006.01); **C11D 1/65** (2006.01); **C11D 3/20** (2006.01); **C11D 3/26** (2006.01); **C11D 3/43** (2006.01); **C11D 10/02** (2006.01); **C11D 11/00** (2006.01); **C11D 17/00** (2006.01); **C11D 17/06** (2006.01); **C11D 17/08** (2006.01); **C11D 1/62** (2006.01)

CPC (source: EP US)  
**C11D 1/65** (2013.01 - EP US); **C11D 3/43** (2013.01 - EP US); **C11D 11/0094** (2013.01 - EP US); **C11D 17/0004** (2013.01 - EP US); **C11D 17/06** (2013.01 - EP US); **C11D 1/143** (2013.01 - EP US); **C11D 1/146** (2013.01 - EP US); **C11D 1/62** (2013.01 - EP US)

Citation (search report)  
See references of WO 03010275A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**WO 03010275 A1 20030206**; AT E498677 T1 20110315; BR 0211386 A 20040817; CA 2449046 A1 20030206; CN 1533429 A 20040929; DE 60239203 D1 20110331; EP 1409634 A1 20040421; EP 1409634 B1 20110216; JP 2004536927 A 20041209; JP 4275527 B2 20090610; MX PA04000714 A 20040420; US 2003109407 A1 20030612; US 6740630 B2 20040525

DOCDB simple family (application)  
**US 0223450 W 20020723**; AT 02753410 T 20020723; BR 0211386 A 20020723; CA 2449046 A 20020723; CN 02814536 A 20020723; DE 60239203 T 20020723; EP 02753410 A 20020723; JP 2003515628 A 20020723; MX PA04000714 A 20020723; US 19820602 A 20020717